(Status - patented, pending, abandoned)

is

BIRCH, STEWART, KOLASCH & BIRCH, LLP

PLEASE NOTE: YOU MUST COMPLETE THE **FOLLOWING**

(if any)

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention emitted:

Insert Title:

LED AND FABRICATION METHOD THEREOF

identified l	by the attorney do	ocket number as set for	ched hereto. If not attached h th above and/or the followin	0.			
Information -	The specification	was filed on		as			
For Use Without	United States Ap	optication Number,	*****				
Specification Attached:	and amended on the specification	was filed on Dozombor 9 2000	1	(if applicable) and/or			
macheu.	International Ap	plication Number PCT/KR20	3 003/002683	as PC1			
	amended on	7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7		; and was (if applicable)			
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Feder Regulations, \$1.56. I do not know and do not believe the same was ever known or used in the United States of America before my or our invention or patented or described in any printed millionism in many contents.						
	year prior to this app prior to this application date of this application or inventor's ceapplication by me or many thereby claim for or inventor's certificate a filing date before the	lication, that the same was not in im, that the invention has not been on in any country foreign to the gras more than twelve months (six entificate on this invention has been ny legal representatives or assigns, reign priority benefits under l'itle e listed below and have also identific to the application on which priority to the application on which priority to the application on which priority on the priority of the application on which priority is to the application on which priority of the application on which priority are the priority of the application on which priority on the priority of the application on which priority are the priority of the application on which priority applications are the priority of the application of the priority of the application of the priority of the application of the priority of t	known or used in the United States of Am atten in any country before my or our investigation in any country before my or our investigation of the United States of America on an application of the States of America on an application filed in any country foreign to the United except as follows. 35. United States Code, \$119(a)-(d) of any stated below any foreign application for patentry is claimed:	antion thereof or more than one of America more than one you's certificate issued before ution filed by me or my leading, and that no application I States of America prior to the foreign application(s) for path tor inventor's certificate having			
	Prior Foreign Applic	cation(s)	ty is claimed:	Priority Claimed			
Insert Priority	781/47 / 20012	W					
Information: (if appropriate)	78()67/2()()2 (Number)	Korea(Country)	December 10,2002 (Month/Day/Year Filed)	■ □ Yes No			
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	(Number)	(Country)	(Month/Day/Year Filed)	<u> </u>			
	, - ,	((Windin Day) Tear Flied)	Yes No			
	(Number)	(Country)	(Month/Day/Year Filed)	Yes No			
	I hereby claim the benefit under Title 35, United States Code, \$119(e) of any United States provisional applications(s) listed belo						
Insert Provisional			•	••			
Application(s): (if any)	(Application Number)		(Filing Date)	-			
	(Application Number)		(Filing Date)				
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:						
.	Country	Application Num	ber Date of Filing (Mont	h/Day/Year)			
Insert Requested Information: (if appropriate)							
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCI application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is no disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCI international filing date of this application.						
Insert Prior U.S.							
Application(s):	(Application Number)	(Filing Date)	(Status - patented, ne				

A 1058 140 JC06 Repret/PTO

U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office Form PTO-1595 (Rev. 03-05)
OMB No. 0651-0027 (exp. 6/30/2005)

	RECORDATION FORM COVER SHEET					
	PATENTS ONLY					
	To the Director of the U.S. Patent and Trademark Office: Please	ecord the attached documents or the new address(es) below.				
	Name of conveying party(ies):	2. Name and address of receiving party(ies)				
	Sung-Chui CHOI	Name: LG INNOTEK CO., LTD Internal Address:				
	Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:				
	3. Nature of conveyance/Execution Date(s):	14th El Hansal Rida				
	Execution Date(s): May 25, 2005	14th Fl. Hansol Bldg., 736-1, Yoksam-dong, Kangnam-gu				
	X Assignment Merger Change of Name					
	Security Agreement Joint Research Agreement	City: Seoul :				
•	Government Interest Assignment	State:				
	Executive Order 9424, Confirmatory License	Country: Republic of Korea Zip: 135-983				
•	Other	Additional name(s) & address(es) Yes X No attached:				
	4. Application or patent number(s):	This document is being filed together with a new application. B. Patent No.(s)				
	A. Patent Application No.(s)					
,	NEW	` '				
•	Additional numbers attached?	Yes X No				
•	5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:				
	Name: James T. Eller, Jr. BIRCH, STEWART, KOLASCH & BIRCH, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00				
	Internal Address: Atty. Dkt.: 3449-0499PUS1	Authorized to be charged by credit card Authorized to be charged to deposit account				
	Street Address: 8110 Gatehouse Rd					
	Suite 100 East P.O. Box 747	X Enclosed				
06/17/2005 MKAYPA	3H 00000054 10538496					
04 FC:8021	40.00 DP	None required (government interest not affecting title)				
	City: Falls Church	8. Payment Information				
i	State: VA Zip: 22040-0747	a. Credit Card Last 4 Numbers				
	Phone Number: (703) 205-8000	Expiration Date				
	Fax Number: (703) 205-8050	b. Deposit Account Number				
	Email Address: mailroom@bskb.com	Authorized User Name				
	9. Signature: (Sleep 1 the Signature	June 9, 2005 Date Total number of pages including cover 3				
	James T. Eller, Jr. / 39,538					
	Name of Person Signing	sheet, attachments, and documents:				

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No. NEW	Filed June 9, 2005
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***	•
	WHEREAS, Sung Chul CHOI	
	(hereinafter designated as the undersigned) has (have) invented certain new	and useful improvements in
Insert Title of Invention	LED AND FABRICATION METHOD THEREOF	
	for which an application for Letters Patent of the United States of Ame undersigned (except in the case of a provisional application).	erica has been executed by the
Insert Date of Signin Application	May 25,2005	; and
Insert Name of Assignee	WHEREAS, LG INNOTEK CO., LTD	
Insert Address of Assignee	of 14 th Fl. Hansol Bldg., 736-1, Yoksam-dong, kangnam-gu,	135-983 Seoul, Korea
CHECK BOX IF APPROPRIATE	its heirs, successors, legal representatives and assigns (hereinafter designated acquiring the entire right, title and interest in and to said invention and in a may be granted therefor in the United States of America and in any foreign countries.	
	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the receipt of which is hereby acknowledged, and other good and valuable has (have) sold, assigned and transferred, and by these presents does sell, Assignee the full and exclusive right to the said invention in the United St dependencies and possessions and the entire right, title and interest in and which may be granted therefor in the United States of America, its territories, and if the box above is designated, in any and all foreign countries;	consideration, the undersigned, assign and transfer unto said ates of America, its territories, to any and all Letters Patent(s)
	and to any and all divisions, reissues, continuations, conversions and extensi terms for which the same may be granted.	ions thereof for the full term or

Page 1 of 2 Attorney Docket No.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference,

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date May 25,2005		4.4.4
	Name of Inventor	Sung Chul CHOI When (signature)
Date	Name of Inventor	(signature)
		(o)Busines
Date	Name of Inventor	(Signature)
		(signature)
Date	Name of Inventor	•
		(signature)
Date	No.	
	Name of Inventor	(signature)
Date	Name of Inventor	
	(signature)

Page 2 of 2



			•				
Page 1 of 2 Attorney De		(Filing Date)			ted, pending, abandoned	•	
	I hereby appoint the this application and/or in the United States Presulting patent based oppractitioners, unless the contrary:	e practitioners at CU an international appl atent and Trademari n instructions receive e inventor(s) or assign	STOMER NO. 2292 ication based on this k Office connected d from the entity wh nee provides said pr	as my atto application therewith a o first sent actitioners	rneys or agents to n and to transact all and in connection the application pap with a written not	prosecute business with the ers to the ice to the	
	Send Correspondence to:						
	BIRCH, STE	WART, KOLASCI	H & BIRCH, LLP	or CUST	TOMER NO. 22	92	
PLBASE NOTE:	BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 2292 P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050						
YOU MUST COMPLETE THE FOLLOWING:		tatements made herein of ue; and further that these s	my own knowledge are b tatements were made with			nformation ments and le and that	
Pall Name of Fast of 50 is inventors incart Name of			NTOR'S SIGNATURE				
Inventor The Inventor Dearmont is Signed	Sung Chul CHOI	24	A.A.	DATE		7	
Insert Residence	Residence (City, State & Cour	itry)	WIL	CETTZENI	May 25, 2005		
Incert Citterapia	Iksan-si, Junrabook-do, Kores	1 .		CITIZENSHIP		I	
Insert Post Office Address	MAILING ADDRESS (Comple	ete Street Address includin	a City Shap to Court	Korea		,	
155 Changpyung-ri, Choonpo-myun, 570-953 Iksan-si, Junrabook-do, Korea				,			
Full Name of Scenari Inventor, if any; see above	GIVEN NAME/FAMILY NAM	ME INVE	NTOR'S SIGNATURE		DATE*	{	
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	MAILING ADDRESS (Complete Street Address including City, State & Country)						
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Full Name of Third Inventor, if any	GIVEN NAME/FAMILY NAM	(E 1:				1	
our space	TO THE STATE OF TH	INVEN	ITOR'S SIGNATURE		DATE*	7	
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	MAILING ADDRESS (Complete Street Address including City, State & Country)						
Full Name of Fourth Invostor, if any:	GIVEN NAME/FAMILY NAM	E INTOFAT	TODIC CLOSE -				
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	Residence (City, State & Country	7)					
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Pull Name of Pittle	CULTURA			_			
laventor, if any;	GIVEN NAME/FAMILY NAME	INVENT	OR'S SIGNATURE	·	Amme		
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iuli Name of Stath Inventor, if any:	GIVEN NAME/FAMILY NAME INVENTORIS SIGNATURE						
see above	THE TANKE	INVENT	DR'S SIGNATURE	DA	ATE*	4	
	Residence (City, State & Country)				-	Ĭ	
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MAILING ADDRESS (Complete Street Address including City, State & Country)

. . . . Page 1 of 2 (Application Number) (Filing Date) (Status - patented, pending, abandoned) Attorney Docket No. I hereby appoint the practitioners at CUSTOMER NO. 2292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written hotice to the Send Correspondence to: BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 2292 P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 PLEASE NOTE: YOU MUST I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. COMPLETE THE POLLOWING: -00 GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE Sung Chul CHOI May 25, 2005 Residence (City, State & Country) CTILZENSHIP Iksan-si, Junrabook-do, Korea Korea MAILING ADDRESS (Complete Street Address including City, State & Country) 155 Changpyung-ti, Chocopo-myun, 570-953 Ikan-si, Junrabook-do, Korea Full Name of Scroot GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE DATE Residence (City, State & Country) CITIZENSHIP MAILING ADDRESS (Complete Street Address including City, State & Country) GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE DATE Residence (City, State & Country) CITIZENSHIP MAILING ADDRESS (Complete Street Address including City, State & Country) GIVEN NAME/FAMILY NAME cent, if any: See above INVENTOR'S SIGNATURE DATE? Residence (City, State & Country) CITIZENSHIP MAILING ADDRESS (Complete Street Address including City, State & Country) 'ull Name of Pith (aventus, of any: are the GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE DATE Residence (City, State & Country) CITIZENSHIP MAILING ADDRESS (Complete Street Address including City, State & Country) all Mades of State (nyaptor, if days age a CIVEN NAME/PAMILY NAME INVENTOR'S STGNATURE DATE Residence (City, State & Country) CITIZENSHIP MAILING ADDRESS (Complete Street Address including City, State & Country)

Attorney Docket No. 3449-0499PUS1

(Status - patented, pending, abandoned)

BIRCH, STEWART, KOLASCH & BIRCH, LLP

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING

Insert Prior U.S. Application(s):

(if any)

(Application Number)

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:

LED AND FABRICATION METHOD THEREOF

Fill in Appr	opriatethe spec	cification of v	vhich is attached	hereto. If not attached	hereto, the application is			
	y the attorney	docket numb	er as set forth ab	ove and/or the followi	ng:			
Information - For Use Without	The specifican	on was filed on	· · · · · · · · · · · · · · · · · · ·		as			
Specification	and amended	on	er		(if applicable) and/or			
Attached:	41	C1 1	December 8.2003					
	the specification was filed on			; and was				
	amended on				(if applicable)			
	amended by any an	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.						
	I acknowledge Regulations, §1.56.	the duty to discl	ose information which i	s material to patentability as defi				
	thereof, or patentec year prior to this a prior to this applice date of this applice representative or as patent or inventor's application by me o I hereby claim or inventor's certific	I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows. I hereby claim foreign priority benefits under Title 35, United States Code, \$119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:						
	Prior Foreign App	and of the applican	on on which priority is cl	aimed:	Priority Claimed			
Insert Priority	70047 (2002	V		D 1 . 10 0000				
Information:	78067/2002 (Number)	Korea (Country)		December 10,2002 (Month/Day/Year Filed)	₩ □ Van Na			
(if appropriate)	(rantoer)	(Country)		(Month/ Day/ rear Filed)	Yes No			
	(Number)	(Country)		(Month/Day/Year Filed)	Yes No			
	(Number)	(Country)		(Month/Day/Year Filed)	Yes No			
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	(Number)	(Country)		(Month/Day/Year Filed)	Yes No			
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Application(s): (if any)	(Application Numb	er)		(Filing Date)				
	(Application Number) (Filing Date)							
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:							
	Country		Application Number	Date of Filing (Mo	onth/Day/Year)			
Insest Requested Information: (if appropriate)								
	Code, §112, I ackno	owledge the duty to 5, §1.56 which bec	o disclose information in t ame available between	it it is any United States and/or the subject matter of each of the me manner provided by the first pathich is material to the patentabilities of the prior appliance.	ragraph of Title 35, United States			

(Filing Date)